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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/836,271	04/18/2001	Susumu Honma	109295	5481

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EXAMINER

HAMILTON, MONPLAISIR G

ART UNIT	PAPER NUMBER
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2172

DATE MAILED: 05/21/2003

6

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/836,271

Applicant(s)

HONMA ET AL.

Examiner

Monplaisir G Hamilton

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 April 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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DETAILED ACTION

1. Claims 1-15 are pending.

Priority

2. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d).

Information Disclosure Statement

3. The information disclosure statement (IDS) is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 6247018 issued to Rheume, herein referred to as Rheume in view of US 5930799 issued to Tamano et al, herein referred to as Tamano.

Referring to Claim 1:

Rheume discloses a data input form generation system comprising: data input form acceptance means for accepting input of a data input form including a table (col 1, lines 50-55; col 4, lines 37-45); table extraction means for extracting the table from the data input form accepted by the data input form acceptance means (col 2, lines 14-50); database defining means for defining a database based on the table extracted by the table extraction means (col 15-27);

Rheume does not explicitly disclose "data input form generation means for generating a database-related data input form related with the database by relating the table included in the data input form accepted by the data input form acceptance means with the database defined by the database defining means."

Tamano discloses data input form generation means for generating a database-related data input form related with the database by relating the table included in the data input form

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accepted by the data input form acceptance means with the database defined by the database defining means (col 3, lines 25-30; 50-57).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the teachings of Rheume such that an input form can be used to insert data into the generated database. One of ordinary skill in the art would have been motivated to do this because it would allow a user quickly input new value into the database.

Referring to Claim 2:

Rheume in view of Tamano disclose the limitation as discussed in Claim 1 above.

Rheume discloses the database defining means has, as a field name of the database, data included in a first-row cell of the table extracted by the table extraction means (col 5, lines 60-65).

Referring to Claim 3:

Rheume in view of Tamano disclose the limitation as discussed in Claim 1 above.

Rheume discloses the database defining means has, as a field name of the database, data included in a first-column cell of the table extracted by the table extraction means (col 2, lines 15-30).

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Referring to Claim 4:

Rheume in view of Tamano disclose the limitation as discussed in Claim 1 above.

Rheume discloses the data input form acceptance means accepts input of the data input form configured as electronic document data (col 1, lines 50-65).

Referring to Claim 5:

Rheume in view of Tamano disclose the limitation as discussed in Claim 1 above.

Rheume discloses the data input form acceptance means accepts input of the data input form recorded onto a recording sheet (col 1, lines 50-65).

Prior Art

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 6128619 issued to Fogarasi et al. Fogarasi discloses a class definition tool parses database files and generates class definitions for objects that encapsulate or wrapper data retrieved from the database. The class definition tool also automatically generates input forms and output pages (for example, HTML or XML forms and pages) that are displayed on web browsers that interact with the application program and objects framework. Using the generated forms and pages, the present invention not only supports all DL/I™ operations (i.e., display, update, delete and insert) on the IMS™ database via the web browser, but also guides the user through the IMS™ database, even if the user has no prior knowledge of the complicated hierarchical structure of the database.

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Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monplaisir G Hamilton whose telephone number is 1703-305-5116. The examiner can normally be reached on Monday - Friday (8:00 am - 4:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y Vu can be reached on 1703-305-4393. The fax phone numbers for the organization where this application or proceeding is assigned are 1703-746-7239 for regular communications and 1703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 1703-305-3900.

Monplaisir Hamilton
May 9, 2003

Primary
Shahid Al Alam
**SHAHID AL ALAM
PATENT EXAMINER**